OPEN MEETING







2001 NOV -2 P 3: 53

TO:

THE COMMISSION

FROM:

Utilities Division

DATE:

November 2, 2009

RE:

PROPOSED RULEMAKING REGARDING RESOURCE PLANNING (DOCKET

NO. RE-00000A-09-0249)

Arizona Corporation Commission

DOCKETED

NOV - 2 2009

DOCKETED BY

The Commission adopted Resource Planning rules in 1989. Those Resource Planning rules required electric utilities that owned generation facilities to file 10-year resource plans every three years. Resource plans were filed and reviewed by the Commission in the 1990-1991 period and in 1992-1993. In 1995, resource plans were filed, but no hearing was held.

In 1997, Decision No. 60385 suspended some of the rules for one year. In 1999, a procedural order suspended those same rules until further order of the Commission. The rules requiring the filing of historical data remain in effect.

The 2005 Arizona Public Service Company settlement agreement (approved in Decision No. 67744) required Staff to schedule workshops on resource planning issues to focus on developing needed infrastructure and a flexible, timely, and fair competitive procurement process. The workshops would also consider whether and to what extent the competitive procurement process should include an appropriate consideration of a diverse portfolio of short, medium, and long-term purchased power; utility-owned generation; renewables; demand-side management; and distributed generation. The workshops were to be open to all stakeholders and to the public. If necessary, the workshops were to be followed with a rulemaking.

Workshops on resource planning were held on July 6, 2005, and on August 24, 2005. On April 26, 2007, Staff issued a request for written responses from interested parties to a list of questions on non-procurement issues. Responses were to be received by May 25, 2007. Thirteen parties filed responses. A workshop was held on June 22, 2007.

In a parallel process, Staff issued a Notice of Resource Planning Workshops for Competitive Procurement Issues on April 4, 2007. Workshops on competitive procurement were held on April 25, 2007, May 23, 2007, and July 13, 2007. Eight parties filed sets of written comments.

On October 2, 2007, Staff issued a Draft Staff Report on Competitive Procurement Issues. Six parties filed comments in response to the Draft Staff Report. On November 6, 2007, Staff filed its Final Staff Report on Competitive Procurement Issues. On December 4, 2007, the Commission adopted Recommended Best Practices for Procurement in Decision No. 70032.

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In Decision No. 70453 (August 6, 2008), the Commission declined to adopt the Public Utility Regulatory Policies Act of 1978 standards on Fuel Diversity and Fossil Fuel Generation Efficiency that were included in the Energy Policy Act of 2005. Instead, entities required to file resource plans were directed to consider the fuel sources and efficiency of generation resources within their resource plans.

Workshops on non-procurement issues were held in January, August, and October of 2008. A draft of proposed rule modifications was distributed to interested parties on August 29, 2008, with comments received from interested parties in September 2008. The draft rules included the Recommended Best Practices for Procurement as well as provisions for the consideration of fuel diversity and efficiency of generation resources.

A second draft of the rules was distributed on October 3, 2008, with comments received later that month from Arizona Public Service Company; Grand Canyon Electric Cooperative Association; the Mesquite Group; Tucson Electric Power Company and UNS Electric, Inc.; and Western Resource Advocates.

On May 19, 2009, Staff requested that a rulemaking docket on Resource Planning be opened. A third draft of the proposed rules was distributed to interested parties on September 4, 2009, with comments received from Arizona Electric Power Cooperative, Inc.; Arizona Public Service Company; Grand Canyon State Electric Cooperative Association on behalf of the Electric Cooperatives; Tucson Electric Power Company and UNS Electric, Inc.; and Western Resource Advocates. Some of the comments have been incorporated into the proposed Resource Planning rules.

Staff recommends that the Commission direct Staff to file, by November 27, 2009, with the office of the Secretary of State, for publication in the *Arizona Administrative* Register no later than December 18, 2009, (1) a Notice of Rulemaking Docket Opening and (2) a Notice of Proposed Rulemaking.

Based on consultation with the Hearing Division, Staff further recommends that the Commission direct the Hearing Division to hold an oral proceeding to receive public comment on the Notice of Proposed Rulemaking on February 1, 2010, at 10:00 a.m. or as soon as practicable thereafter, in Hearing Room No. 1 at the Commission's offices in Phoenix, Arizona.

Staff further recommends that interested parties be requested to provide initial comments concerning the Notice of Proposed Rulemaking by filing written comments with the Commission's Docket Control by January 19, 2010; be requested to provide comments in response to other interested parties' comments by filing written comments with the Commission's Docket Control by January 26, 2010; and be permitted to provide oral comments at the proceeding to be held on February 1, 2010.

THE COMMISSION November 2, 2009 Page 3

Staff further recommends that the Commission establish additional procedural deadlines and requirements as may be necessary consistent with the Administrative Procedures Act and prior Commission rulemaking procedures.

Steven M. Olea
Director
Utilities Division

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ORIGINATOR: Barbara Keene

1	BEFORE THE ARIZONA CORPORATION COMMISSION		
2	KRISTIN K. MAYES		
3	Chairman GARY PIERCE		
4	Commissioner PAUL NEWMAN		
5	Commissioner SANDRA D. KENNEDY		
6	Commissioner BOB STUMP		
7	Commissioner		
8	IN THE MATTER OF THE NOTICE OF) DOCKET NO. RE-00000A-09-0249 PROPOSED RULEMAKING REGARDING {		
9	RESOURCE PLANNING DECISION NO		
10	ORDER		
11			
12			
13	Open Meeting November 19 and 20, 2009		
14	Phoenix, Arizona		
15	BY THE COMMISSION:		
16	FINDINGS OF FACT		
17	1. The Commission adopted Resource Planning rules in 1989.		
18	2. Those Resource Planning rules required electric utilities that owned generation		
19	facilities to file 10-year resource plans every three years.		
20	3. Resource plans were filed and reviewed by the Commission in the 1990-1991		
21	period and in 1992-1993. In 1995, resource plans were filed, but no hearing was held. In 1997,		
22	Decision No. 60385 suspended some of the rules for one year. In 1999, a procedural order		
23	suspended those same rules until further order of the Commission. The rules requiring the filing of		
24	historical data remain in effect.		
25	4. The 2005 Arizona Public Service Company settlement agreement (approved in		
26	Decision No. 67744) required Staff to schedule workshops on resource planning issues to focus on		
27	developing needed infrastructure and a flexible, timely, and fair competitive procurement process.		

The workshops were to also consider whether and to what extent the competitive procurement

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27 28 process should include an appropriate consideration of a diverse portfolio of short, medium, and long-term purchased power; utility-owned generation; renewables; demand-side management; and distributed generation. The workshops were to be open to all stakeholders and to the public. If necessary, the workshops were to be followed with a rulemaking.

- 5. Workshops on resource planning were held on July 6, 2005, and on August 24, 2005.
- 6. On April 26, 2007, Staff issued a request for written responses from interested parties to a list of questions on non-procurement issues. Responses were to be received by May 25, 2007. Thirteen parties filed responses.
 - 7. A workshop was held on June 22, 2007.
- 8. In a parallel process, Staff issued a Notice of Resource Planning Workshops for Competitive Procurement Issues on April 4, 2007. Workshops on competitive procurement were held on April 25, 2007, May 23, 2007, and July 13, 2007. Eight parties filed sets of written comments.
- 9. On October 2, 2007, Staff issued a Draft Staff Report on Competitive Procurement Issues. Six parties filed comments in response to the Draft Staff Report. On November 6, 2007, Staff filed its Final Staff Report on Competitive Procurement Issues.
- On December 4, 2007, the Commission adopted Recommended Best Practices for 10. Procurement in Decision No. 70032.
- 11. In Decision No. 70453 (August 6, 2008), the Commission declined to adopt the Public Utility Regulatory Policies Act of 1978 standards on Fuel Diversity and Fossil Fuel Generation Efficiency that were included in the Energy Policy Act of 2005. Instead, companies required to file resource plans were directed to consider the fuel sources and efficiency of generation resources within their resource plans.
- 12. Workshops on non-procurement issues were held in January, August, and October of 2008.
- 13. A draft of proposed rule modifications was distributed to interested parties on August 29, 2008, with comments received from interested parties in September 2008. The draft

rules included the Recommended Best Practices for Procurement as well as provisions for the consideration of fuel diversity and efficiency of generation resources.

- 14. A second draft of the rules was distributed on October 3, 2008, with comments received later that month from Arizona Public Service Company; Grand Canyon Electric Cooperative Association; the Mesquite Group; Tucson Electric Power Company and UNS Electric, Inc.; and Western Resource Advocates.
- 15. On May 19, 2009, Staff requested that a rulemaking docket on Resource Planning be opened.
- 16. A third draft of the proposed rules was distributed to interested parties on September 4, 2009, with comments received from Arizona Electric Power Cooperative, Inc.; Arizona Public Service Company; Grand Canyon State Electric Cooperative Association on behalf of the Electric Cooperatives; Tucson Electric Power Company and UNS Electric, Inc.; and Western Resource Advocates. Some of the comments have been incorporated into the proposed Resource Planning rules.
- 17. Staff has recommended that the Commission direct Staff to file, by November 27, 2009, with the office of the Secretary of State, for publication in the *Arizona Administrative* Register no later than December 18, 2009, (1) a Notice of Rulemaking Docket Opening and (2) a Notice of Proposed Rulemaking.
- 18. Staff has further recommended that the Commission direct the Hearing Division to hold an oral proceeding to receive public comment on the Notice of Proposed Rulemaking on February 1, 2010, at 10:00 a.m. or as soon as practicable thereafter, in Hearing Room No. 1 at the Commission's offices in Phoenix, Arizona.
- 19. Staff has further recommended that interested parties be requested to provide initial comments concerning the Notice of Proposed Rulemaking by filing written comments with the Commission's Docket Control by January 19, 2010; be requested to provide comments in response to other interested parties' comments by filing written comments with the Commission's Docket

Decision No.

¹ Duncan Valley Electric Cooperative, Inc.; Graham County Electric Cooperative, Inc.; Mohave Electric Cooperative, Inc.; Navopache Electric Cooperative, Inc.; Trico Electric Cooperative, Inc.; and Sulphur Springs Valley Electric Cooperative, Inc.

Control by January 26, 2010; and be permitted to provide oral comments at the hearing to be held on February 1, 2010.

- 20. Staff has further recommended that the Commission establish additional procedural deadlines and requirements as may be necessary consistent with the Administrative Procedures Act and prior Commission rulemaking procedures.
- 21. We find that it is appropriate to establish in this Order requirements regarding the contents of the Preamble to the Notice of Proposed Rulemaking; Staff's ensuring that known, misfiled comments are filed with the Commission's Docket Control; Staff's preparation and filing of an Economic, Small Business, and Consumer Impact Statement; and Staff's filing of summaries on interested persons' comments and Staff's responses thereto.

CONCLUSIONS OF LAW

- 1. Pursuant to Article XV of the Arizona Constitution and A.R.S. Title 40 generally, the Commission has jurisdiction over the matters raised herein.
 - 2. It is in the public interest to adopt Staff's recommendations.

<u>ORDER</u>

IT IS THEREFORE ORDERED that the Utilities Division shall prepare and file, by November 27, 2009, with the Office of the Secretary of State, for publication in the *Arizona Administrative* Register no later than December 18, 2009, (1) a Notice of Rulemaking Docket Opening and (2) a Notice of Proposed Rulemaking that includes the text of the rules as included in Exhibit A, attached hereto and incorporated herein by reference.

IT IS FURTHER ORDERED that the Hearing Division hold an oral proceeding to receive public comment on the Notice of Proposed Rulemaking on February 1, 2010, at 10:00 a.m. or as soon as practicable thereafter, in Hearing Room No. 1 at the Commission's offices in Phoenix, Arizona.

IT IS FURTHER ORDERED that interested parties are requested to provide initial comments concerning the Notice of Proposed Rulemaking by filing written comments with the Commission's Docket Control by January 19, 2010; are requested to provide comments in response to other interested parties' comments by filing written comments with the Commission's

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Docket Control by January 26, 2010; and are permitted to provide oral comments at the proceeding to be held on February 1, 2010.

IT IS FURTHER ORDERED that the Utilities Division shall ensure that the Preamble to the Notice of Proposed Rulemaking conforms with the requirements of A.R.S. § 41-1001(14) and provides notice of the date, time, and location of the oral proceeding required herein.

IT IS FURTHER ORDERED that the Utilities Division shall ensure that the Preamble to the Notice of Proposed Rulemaking states that (1) written comments on the Notice of Proposed Rulemaking should include a reference to Docket No. RE-00000A-09-0249; (2) initial written comments should be filed with the Commission's Docket Control by January 19, 2010; (3) written comments in response to other interested parties' comments should be filed with the Commission's Docket Control by January 26, 2010; and (4) oral comments may be provided at the proceeding to be held on February 1, 2010.

IT IS FURTHER ORDERED that the Utilities Division shall ensure that any written comments filed with the Utilities Division rather then the Commission's Docket Control are filed with the Commission's Docket Control.

IT IS FURTHER ORDERED that the Utilities Division shall, by December 18, 2009, file with the Commission's Docket Control an Economic, Small Business, and Consumer Impact Statement that addresses the economic impacts of the recommended changes to the rules as included in Exhibit A and conforms to the requirements of A.R.S. §41-1057(2).

IT IS FURTHER ORDERED that the Utilities Division shall, on or before January 29, 2010, file with the Commission's Docket Control a document including (1) a summary of any initial written comments filed by interested persons between the effective date of this Order and January 26, 2010, and (2) the Utilities Division's responses to those comments.

IT IS FURTHER ORDERED that the Utilities Division shall, by February 19, 2010, file with the Commission's Docket Control a document including (1) a summary of any oral comments received at the oral proceeding in this matter, (2) the Utilities Division's responses to those comments, and (3) a revised Economic,

	Tage 0	100	Ret No. RE-00000	11-07-02-7
1	Small Business, and Consumer	Impact Statement or a memorandu	ım explaining why	no revision
2	(or revisions as the case may be) of the prior Economic, Small Business, and Consumer Impac			
3	Statement is necessary.			
4	IT IS FURTHER ORDEF	RED that this Decision shall becom	e effective immedi	ately.
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6	BY THE ORDER OF THE ARIZONA CORPORATION COMMISSION			
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8	CHAIRMAN	COMMIS	SSIONER	
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11	COMMISSIONER	COMMISSIONER	COMMIS	SIONER
12	·	IN MITNESS MILEDEOE	I EDNIEGT C	IOINICON
13		IN WITNESS WHEREOF, Executive Director of the Aria	zona Corporation (Commission,
14		have hereunto, set my hand a this Commission to be affixed	d at the Capitol, in	the City of
15		Phoenix, thisday of _		, 2009.
16				
17				
18		ERNEST G. JOHNSON		
19		EXECUTIVE DIRECTOR		
20	DISSENT:			
21				
22	DISSENT:			
23 24	SMO:BEK:lhm\MAS			
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1	SERVICE LIST FOR PROPOSED RULEMAKIN DOCKET NO. RE-00000A-09-0249	G REGARDING RESOURCE PLANNING:
2	DOCKET NO. KE-00000A-09-0249	
3	Mr. Jeff Schlegel	Mr. Jerry Coffey
4	Sweep 1167 West Samalayuca Drive	Mr. Erick Bonner Ms. Rebecca Turner
5	Tucson, Arizona 85704	Gila River Power, L.P. 702 North Franklin Street
6	Mr. Robert Annan	Tampa, Florida 33602
7	Annan Group 6605 East Evening Glow	Ms. Karen Haller
8	Scottsdale, Arizona 85262	Southwest Gas Corporation 5421 Spring Mountain Road
9	Ms. Deborah R. Scott	Las Vegas, Nevada 89102
10	Pinnacle West Capital Corporation 400 North 5 th Street	Mr. Paul R. Michaud
11	Post Office Box 53999, MS 8695 Phoenix, Arizona 85072-3999	Michaud Law Firm, P.L.C. 46 Eastham Bridge Road
12	Mr. David Berry	East Hampton, Connecticut 06424
13	Western Resource Advocates	Mr. Larry Killman
14	Post Office Box 1064 Scottsdale, Arizona 85252	Greystone Environmental 8222 S. 48 th Street, Suite 140
15	Mr. Eric C. Guidry	Phoenix, Arizona 85044-5353
16	Western Resource Advocates 2260 Baseline, Suite 200	Mr. Dave Couture Tucson Electric Power Company
17	Boulder, Colorado 80302	Post Office Box 711 Tucson, Arizona 85702
18	Ms. Amanda Ormond	
19	The Ormond Group, LLC 7650 South McClintock Drive,	Mr. Jerry Payne Cooperative International Forestry
20	Suite 103-282	333 Broadway SE Albuquerque, New Mexico 87102
21	Tempe, Arizona 85284	
22	Mr. Michael Grant Gallagher & Kennedy	Ms. Donna M. Bronski Scottsdale City Attorney's Office
23	2575 East Camelback Road Phoenix, Arizona 85016	3939 North Drinkwater Boulevard Scottsdale, Arizona 85251
24	·	•
25	Mr. C. Webb Crockett Mr. Patrick J. Black	Mr. Brian Hageman Ms. Caren Peckerman
26	Fennemore Craig 3003 North Central Avenue, Suite 2600	Mr. Richard Brill Deluge, Inc.
27	Phoenix, Arizona 85012	4116 East Superior Avenue, Suite D3 Phoenix, Arizona 85040
28		

Decision No.

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1	Mr. Jay Moyes	Mr. Philip Dion
ļ	Moyes Sellers & Sims	UniSource Energy Corporation
2	1850 North Central Avenue, Suite 1100	One South Church Avenue, Suite 200
3	Phoenix, Arizona 85004	Tucson, Arizona 85701-1623
4	Mr. Dan Pozefsky	Mr. Dan Austin
	Ms. Jodi Jerich	Comverge, Inc.
5	RUCO	16013 South Desert Foothills Parkway
_	1110 West Washington Street, Suite 220	Suite 1127
6	Phoenix, Arizona 85007	Phoenix, Arizona 85048
7	Mr. John Wallace	Mr. Dennis Hughes
8	Grand Canyon State Electric Cooperative	Navopache Electric Cooperative, Inc.
	Association, Inc.	1878 West White Mountain Boulevare
9	120 North 44 th Street, Suite 100 Phoenix, Arizona 85034	Lakeside, Arizona 85929
0		Mr. Tyler Carlson
_	Mr. Clifford A. Cathers	Mohave Electric Cooperative, Inc.
1	Sierra Southwest Cooperative Services, Inc.	Post Office Box 1045
2	1000 South Highway 80	Bullhead City, Arizona 86430
	Benson, Arizona 85602	, , , , , , , , , , , , , , , , , , ,
3	2	Mr. Michael Curtis
	Ms. Jana Brandt	Mr. William Sullivan
14	Ms. Kelly Barr	Curtis, Goodwin, Sullivan,
15	Salt River Project	Udall & Schwab, PLC
13	PO Box 52025, MS PAB221	501 East Thomas Road
16	Phoenix, Arizona 85072	Phoenix, Arizona 85012-3205
17	Mr. Dan Austin	Mr. Troy Anatra
,	Comverge, Inc.	Comverge, Inc.
18	6509 West Frye Road, Suite 4	120 Eagle Rock Avenue, Suite 190
	Chandler, Arizona 85226	East Hanover, New Jersey 07936
19	Character, 711201a 03220	Bust Tuniover, New Versey 67936
20	Mr. Theodore Roberts	Mr. Steven M. Olea
	Mr. Lawrence V. Robertson, Jr.	Director, Utilities Division
21	Post Office Box 1448	Arizona Corporation Commission
22	Tubac, Arizona 85646	1200 West Washington Street
22		Phoenix, Arizona 85007
23	Mr. Michael Patten	
	Mr. Jason Gellman	Ms. Janice M. Alward
24	Roshka DeWulf & Patten, LLC	Chief Counsel, Legal Division
. -	One Arizona Center	Arizona Corporation Commission
25	400 East Van Buren Street, Suite 800	1200 West Washington Street
26	Phoenix, Arizona 85004	Phoenix, Arizona 85007
26		
27		

TITLE 14. PUBLIC SERVICE CORPORATIONS; CORPORATIONS AND ASSOCIATIONS; SECURITIES REGULATION CHAPTER 2. CORPORATION COMMISSION

FIXED UTILITIES

ARTICLE 7. RESOURCE PLANNING AND PROCUREMENT

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Independent Monitor Selection and Responsibilities

R14-2-706.

ARTICLE 7. RESOURCE PLANNING AND PROCUREMENT

R14-2-701. Definitions

The following definitions shall apply unless the context otherwise requires In this Article, unless otherwise specified:

- 1. "Appliance efficiency" the energy usage per unit of output of a particular type of energy using equipment.
- 2. "Appliance saturation" the proportion of customers in a given customer class who have a particular type of energy using equipment.
- 3. "Average price" revenue from the customer class divided by the number of kilowatt hours sold-to that customer class.
- 4. "Baseload demand" demand for energy that is insensitive to temperature.
- 1. "Acknowledgment" means a Commission determination, under R14-2-704, that a plan meets the basic requirements of this Article.
- 2. "Affiliated" means related through ownership of voting securities, through contract, or otherwise in such a manner that one entity directly or indirectly controls another, is directly or indirectly controlled by another, or is under direct or indirect common control with another entity.
- 5.3. "Benchmark"— means to calibrate against a known set of values or standards.
- 6.4. "Book life"— means the expected time period over which a power supply source will be available for use by the utility a load-serving entity.
- 5. "Btu" means British thermal unit.
- 7.6. "Capacity" means the amount of electric power, measured in megawatts, which that a power source is rated to provide, either by the user, the supplier, or the manufacturer.
- 8.7. "Capital costs" means the construction and installation cost of facilities, including land, land rights, structures, and equipment.
- 9. "Cogeneration" the sequential production of electricity and heat, steam, or useful work from the same fuel source.
- 8. "Coincident peak" means the maximum of the sum of two or more demands that occur in the same demand interval, which demand interval may be established on an annual, monthly, or hourly basis.
- "Customer class"—<u>means</u> a group subset of customers <u>categorized according to with</u> similar characteristics, such as amount of energy consumed; amount of demand placed on the energy supply system at the system peak; hourly, daily, or seasonal load pattern; <u>primary</u> type of

- activity engaged in by the customer, including residential, commercial, industrial, agricultural, and governmental; and location. Customer classes may include residential, commercial, industrial, agricultural, municipal, and other categories.
- 11.10. "Decommissioning"— means the process of safely and economically removing a generating unit from service.
- 12. "Degree day" the difference in degrees Fahrenheit between the reference temperature and the average temperature for a particular day. The average temperature is the high temperature plus the low temperature divided by 2. If a day's average temperature exceeds the reference temperature, the day is a cooling degree day; if the day's average temperature is less than the reference temperature, the day is a heating degree day.
- 13.11. "Demand management" means beneficial reduction in the total cost of meeting electric energy service needs by reducing or shifting in time the demand for electricity usage.
- 14.12. "Derating" means a reduction in a generating unit's capacity.
- 15.13. "Discount rate" means the interest rate used to calculate the present value of a cost or other economic variable.
- 14. "Docket Control" means the office of the Commission that receives all official filings for entry into the Commission's public electronic docketing system.
- 15. "Emergency" means an unforeseen and unforeseeable condition that:
 - a. Does not arise from the load-serving entity's failure to engage in good utility practices,
 - b. Is temporary in nature, and
 - c. Threatens reliability or poses another significant risk to the system.
- 16. "End use" means the final application of electric energy, for activities such as, but not limited to, heating, cooling, running a particular an appliance, or motor, an industrial process, or lighting.
- 17. "Energy losses" means the quantity of electric energy generated or purchased that is not available for sale to end users, for resale, or for use by the utility load-serving entity, attributable to transmission, conversion, distribution, and unaccounted for losses.
- 18. "Escalation" means the change in costs due to inflation, changes in manufacturing processes, changes in availability of labor or materials, or other factors.
- 19. "Forced outage rate" the proportion of hours in a period, excluding those hours set aside forplanned outages, in which a power source, such as a generating unit, suffers unplanned outages

- due to unplanned component failures or other conditions requiring that the source be removed from service immediately or before the next planned outage.
- 19. "Generating unit" means a specific device or set of devices that converts one form of energy (such as heat or solar energy) into electric energy, such as a turbine and generator or a set of photovoltaic cells.
- 20. "Heat rate"— means a measure of generating station thermal efficiency expressed in British-thermal units (Btus) per net kilowatt-hour and computed by dividing the total Btu content of fuel used for electric generation by the kilowatt-hours of electricity generated.
- 21. "Household income pattern" the proportion of households falling in each of several income ranges.
- 22. "Interchange" electric energy received by the electric utility from another provider of electricity or supplied by the electric utility to another provider of electricity which is not purchased or sold under the terms of a long-term agreement.
- 21. "Independent monitor" means a company or consultant that is not affiliated with a load-serving entity and that is selected to oversee the conduct of a competitive procurement process under R14-2-706.
- 22. "Integration" means methods by which energy produced by intermittent resources can be incorporated into the electric grid.
- 23. "Intermittent resources" means electric power generation for which the energy production varies in response to naturally occurring processes like wind or solar intensity.
- 23.24. "Interruptible power" means power made available under agreements which an agreement that permit permits curtailment or cessation of delivery by the supplier.
- 24.25. "In-service date" means the date a power supply source becomes available for use by the utility a load-serving entity.
- 26. "Load-serving entity" means a public service corporation that provides electricity generation service and operates or owns, in whole or in part, a generating facility or facilities with capacity of at least 5 megawatts combined.
- 27. "Long term" means having a duration of three or more years.
- 25.28. "Maintenance"— means the repair of generation, transmission, distribution, and administrative, and general facilities; replacement of minor items; and installation of materials to preserve the efficiency and working condition of the facilities.

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- 26. "Maintenance schedule" the specific days during which a power production unit is removed from service for inspection or overhaul of one or more major components; such work is planned well in advance.
- 27.29. "Mothballing"— means the temporary removal of a generating unit from active service and accompanying long term-storage activities.
- 28.30. "Operate" means to manage or otherwise be responsible for the production of electricity from by a generating facility, whether that facility is owned by the operator, in whole or in part, or whether that facility is owned by another entity.
- 29. "Operating costs" the power production costs that are directly related to producing electricity.
- 30.31. "Participation rate" means the proportion of customers who take part in a specific program.
- 31.32. "Probabilistic analysis"—<u>means</u> a systematic evaluation of the effect, on costs, reliability, or other measures of performance, of the range of possible events affecting factors which that influence performance, considering the chances <u>likelihood</u> that the events will occur.
- 32.33. "Production cost"— means the variable operating costs and maintenance cost (including fuel cost)
 costs of producing electricity through generation and plus the cost of purchases of power
 sufficient to meet demand.
- 33.34. "Refurbish" means to make major changes, more extensive than maintenance or repair, in the power production, transmission, or distribution characteristics of a component of the power supply system more extensive than maintenance or repair, such as by changing the fuels which that can be used in a generating unit or changing the capacity of a generating unit.
- 34.35. "Reliability" means a measure of the ability of the utility's a load-serving entity's generation, transmission, and or distribution systems system to provide power without failures. Reliability should be, measured separately for generation, transmission, and distribution systems. Measures may to reflect the proportion portion of time that each a system is unable to meet demand or the kilowatt-hours of demand that could not be supplied.
- 36. "Renewable energy resource" means an energy resource that is replaced rapidly by a natural, ongoing process and that is not nuclear or fossil fuel.
- 35.37. "Reserve requirements"— means the capacity which the utility that a load-serving entity must maintain in excess of its peak load to provide for scheduled maintenance, forced outages, unforeseen loads, emergencies, system operating requirements, and power pool requirements reserve sharing arrangements.

- 38. "Reserve sharing arrangement" means an agreement between two or more load-serving entities to provide backup capacity.
- 36.39. "Resource planning" means integrated supply and demand analysis for the purpose of identifying the means of meeting electric energy service needs at the lowest total cost, taking into account uncertainty analyses completed as described in this Article.
- 40. "RFP" means request for proposals.
- 37.41. "Self generation" means the production of electricity by an end user-by any means including cogeneration.
- 38.42. "Sensitivity analysis"— means a systematic assessment of the degree of response of costs, reliability, or other measures of performance to changes in assumptions about factors which that influence performance.
- 43. "Short term" means having a duration of less than three years.
- 39.44. "Spinning reserve"— means the capacity which the utility a load-serving entity must maintain connected to the system and ready to deliver power promptly in the event of an unexpected loss of generation source. The capacity may be, expressed as a percentage of peak load, as a percentage of the largest generating unit, or as in fixed megawatts.
- 45. "Staff' means individuals working for the Commission's Utilities Division, whether as employees or through contract.
- 46. "Third-party independent energy broker" means an entity, such as Prebon Energy or Tradition

 Financial Services, that facilitates an energy transaction between separate parties without taking title to the transaction.
- 47. "Third-party on-line trading system" means a computer-based marketplace for commodity

 exchanges provided by an entity that is not affiliated with the load-serving entity, such as the

 Intercontinental Exchange, California Independent System Operator, or New York Mercantile

 Exchange.
- 40.48. "Total cost" means all capital, operating, maintenance, fuel, and decommissioning costs, plus the costs associated with mitigating any adverse environmental effects, incurred, by end users, load-serving entities, or others, in the provision or conservation of electric energy services by end users, utilities, or others, and any adverse environmental effects.
- 41. "Unit"—a specific device or set of devices that converts one form of energy (such as heat or solar energy) into electric energy such as a turbine and generator or set of photovoltaic cells; a power plant may have multiple units.

42. "Utility" the entity providing electric service to the public.

R14-2-702. Applicability

- A. All electric utilities under the jurisdiction of the Commission pursuant to Arizona Constitution

 Art. XV and Arizona Revised Statutes Title 40 which operate or own (in part or in whole)

 generating facilities, whether the power generated is for sale to end users or is for resale, are
 subject to the provisions of this Article. This Article applies to each load-serving entity, whether
 the power generated is for sale to end users or is for resale.
- B. Any other electric utility under the jurisdiction of the Commission pursuant to Arizona Constitution Art. XV and Arizona Revised Statutes Title 40 is subject to the provisions of this Article upon two years' notice by the Commission. An electricity public service corporation that becomes a load-serving entity by increasing its generating capacity to at least 5 megawatts combined shall provide written notice to the Commission within 30 days after the increase and shall comply with the filing requirements in this Article within two years after the notice is filed.
- C. The Commission may, by Order, exempt a utility load-serving entity from these requirements complying with any provision in this Article, or the Article as a whole, upon a demonstration by the utility determining that:
 - the The burden of compliance with this the provision, or the Article as a whole, exceeds the potential for cost savings resulting benefits to customers in the form of cost savings, service reliability, risk reductions, or reduced environmental impacts that would result from its participation the load-serving entity's compliance with the provision or Article; and
 - The public interest will be served by the exemption.
- D. A load-serving entity that desires an exemption shall submit to Docket Control an application that includes, at a minimum:
 - 1. The reasons why the burden of complying with the Article, or the specific provision in

 the Article for which exemption is requested, exceeds the potential benefits to customers

 that would result from the load-serving entity's compliance with the provision or Article;
 - Data supporting the load-serving entity's assertions as to the burden of compliance and the potential benefits to customers that would result from compliance; and
 - 3. The reasons why the public interest would be served by the requested exemption.

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E. A load-serving entity shall file with Docket Control, within 120 days after the effective date of these rules, the documents that would have been due on April 1, 2010, under R14-2-703(C), (D), (E), (F), and (H) had the revisions to those subsections been effective at that time.

R14-2-703. Utility Load-serving entity reporting requirements

- A. Demand side data. Each utility shall provide the Commission staff the demand data in subsections (A)(1) through (9) below, within 90 days of the effective date of these rules and shall provide staff with updated and revised data by April 1 of each year thereafter. If records are not maintained for any item, the utility shall provide its best estimates, such as sample survey data, application of factors from one year's data to another year, or other methods, and fully describe how such estimates were made. A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of demand-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:
 - 1. Hourly demand for the previous calendar year, disaggregated by:
 - a. Sales to end users;
 - b. Sales for resale;
 - c. Energy losses; and
 - d. Other disposition of energy, such as energy furnished without charge and energy used by the utility. load-serving entity;
 - 2. If available, hourly demand for the previous calendar year disaggregated by:
 - a. Residential customers,
 - b. Nonresidential customers by customer class and by type of business,
 - c. Entitles purchasing power for resale.
 - 3.2. Coincident peak demand (megawatts) and energy demand consumption (megawatt-hours) by month for the previous 10 years, disaggregated by customer class and, for nonresidential customers, if available, disaggregated by type of business.;
 - 4.3. Number of customers by customer class by year for each of the previous 10 years-; and
 - 5. Heating and cooling degree days by month for the previous 10 years. The utility may provide these data by climatic region at its option.
 - 6. Residential customer characteristics and end use data collected in the last 10 years which the utility has available, including:
 - a. Mix of dwelling unit types (single family, multi-family, mobile homes),

- b. Household-income patterns,
- c. Appliance saturation by types of appliance,
- d. Appliance saturation by household income pattern and dwelling unit type,
- e. End use metering data,
- f. Appliance efficiency data,
- g. Appliance connected load data, and
- h. Data relating customer usage and heating and cooling degree days or temperature.
- 7. Nonresidential customer characteristics and usage data collected in the last 10 years which the utility has available, including:
 - a. Number of customers by type of business,
 - b. Number of employees by type of business,
 - c. Electricity usage by major end use of power including space cooling, and
 - d. Hourly demand for major types of industrial and commercial customers for baseload, heating, and cooling uses.
- 8.4. Reduction in load (kilowatt and kilowatt-hours) in the previous calendar year due to existing demand management measures, by type of demand management measure, in the previous calendar year.
- 9. Annual average prices of electricity charged to each nonresidential customer class, by type of business, and to residential customers, for the previous 10 years.
- B. Supply side data. Each utility shall provide the Commission staff the supply data indicated in subsection (B)(1) through (4) within 90 days of the effective date of these rules and shall provide staff with updated and revised data by April 1 of each year thereafter. If records are not maintained for any item, the utility shall provide its best estimates and fully describe how those estimates were made. A load-serving entity shall, by April 1 of each year, file with Docket Control a compilation of the following items of supply-side data, including for each item for which no record is maintained the load-serving entity's best estimate and a full description of how the estimate was made:
 - 1. For each generating unit and purchased power contract for the previous calendar year:
 - a. In-service date and book life or contract period;
 - b. Book life or contract period Type of generating unit or contract;
 - c. Capacity The load-serving entity's share of the generating unit's capacity, or of capacity under the contract, in megawatts (utility share);

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- d. Maximum generating unit or contract capacity, by hour, day, or month, if such capacity varies over during the year-;
- e. Forced outage rate Annual capacity factor (generating units only);
- f. Average heat rate of generating units and, if available, heat rates at selected output levels;
- g. Fuel Average fuel cost for generating units, in dollars per million Btu for each type of fuel;
- h. Other variable operating and maintenance costs for generating units, in dollars per megawatt hour;
- i. Purchased power energy costs for contract purchases long-term contracts, in dollars per megawatt-hour;
- j. Fixed operating and maintenance costs of generating units, in dollars per megawatt-for the year;
- k. Demand charges for purchased power;
- 1. Fuel types for generating units, Fuel type for each generating unit;
- m. Minimum capacity at which the <u>generating</u> unit would be run or power must be purchased;
- n. Whether, under standard operating procedures, the generating unit must be run if it is available to run;
- o. Maintenance schedules for generating units, Description of each generating unit as base load, intermediate, or peaking;
- p. Other data related to generation units and purchased power contracts which the utility uses in its production, planning, and supply models. Environmental impacts, including air emission quantities (in metric tons or pounds) and rates (in quantities per megawatt-hour) for carbon dioxide, nitrogen oxides, sulfur dioxide, mercury, particulates, and other air emissions subject to current or expected future environmental regulation; and
- q. Water consumption quantities and rates;
- 2. For the power supply system for the previous calendar year:
 - a. A description of generating unit commitment procedures;
 - b. Production cost;
 - c. Reserve requirements;

- d. Spinning reserve;
- e. Reliability of generating, transmission, and distribution systems;
- f. Interchange purchase Purchase and sale prices, averaged by month, for the aggregate of all purchases and sales related to short-term contracts; and
- g. Energy losses-;
- 3. The level of eogeneration and other forms of self generation in the utility's load-serving entity's service area for the previous calendar year-; and
- 4. As available, a description and map of the utility's transmission system, including the capacity of each segment of the transmission system. An explanation of any resource procurement processes used by the load-serving entity during the previous calendar year that did not include use of an RFP, including the exception under which the process was used.
- Demand forecasts. Each utility shall provide the following data and analyses to the Commission by December 31, 1989, and every three years thereafter. If no changes are forecast for any item, the utility may refer to previous filings for that item. A load-serving entity shall, by April 1 of each even year, file with Docket Control a compilation of the following items of load data and analyses, which may include a reference to the last filing made under this subsection for each item for which there has been no change in forecast since the last filing:
 - 1. Ten-year Fifteen-year forecast of system coincident peak load (megawatts) and energy demanded consumption (megawatt-hours) by month and year, expressed separately for residential, commercial, industrial, interruptible, and other eustomers, customer classes; for interruptible power; for resale; and for energy losses:
 - 2. Hourly demand forecasts for 10 years, if requested by staff.
 - 3.2. Disaggregation of the demand load forecast of subsection (C)(1) into a component in which no additional demand management measures are assumed, and a component indicating assuming the change in load due to additional forecasted demand management measures.; and
 - 4. Descriptions of demand management programs and measures included in the demand forecast, including:
 - a. Plans for implementing the demand management measures,
 - b. The participation rate of customers by customer class with regard to each demandmanagement-measure,

The expected change in demand resulting from each of the measures, and d. The life of each program. Description of each demand management program which was considered but rejected and the reasons for rejecting each program. The capital and operating and maintenance costs of each demand management measureconsidered, including practical measures which were rejected. Documentation of all sources of data, analyses, methods, and assumptions used in 7.3. making the demand load forecasts, including: a. A a description of how the forecasts were benchmarked, and b. Justifications justifications for selecting the methods and assumptions used, and c. If requested by the staff, data used in the analyses. Supply plans. Each utility shall provide the following data and analyses to the Commission by December 31, 1989, and every three years thereafter. If no changes are forecast for any item, the utility may refer to previous filings for that item. A load-serving entity shall, by April 1 of each even year, file with Docket Control the following prospective analyses and plans, which shall compare a wide range of resource options and take into consideration expected duty cycles, cost projections, other analyses required under this Section, environmental impacts, and water consumption and may include a reference to the last filing made under this subsection for each item for which there has been no change since the last filing: Ten-year A 15-year resource plan, providing for each year: 1. The data required in subsection (B)(1)(a) through (p) of this Section Projected a. data for each of the items listed in subsection (B)(1), for each generating unit and purchased power source, including each generating unit that is expected to be new or refurbished during the period, which shall be designated as new or refurbished, as applicable, for the year of purchase or the period of refurbishment; and the data required in subsection (B)(2)(a) through (g) of this Section. Projected data for each of the items listed in subsection (B)(2), for the power supply system; For The capital cost, construction time, and construction spending schedule for b.c. each generating unit that is expected to be new or refurbished during the period; The data required in subsection (B)(1) of this Section for applicable years, ii. The capital cost, construction time, and construction spending schedule.

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- e.d. The escalation levels assumed for each component of cost, such as, but not limited to, operating and maintenance, environmental compliance, system integration, backup capacity, and transmission delivery, for each generating unit and purchased power source-;
- d.e. For the If discontinuation, decommissioning, or mothballing of any power source and or permanent deratings derating of any generating facility is expected:
 - i. Identification of the each power source or units generating unit involved;
 - ii. The costs and spending schedule of such for each discontinuation, decommissioning, mothballing, or derating; and
 - iii. The reasons for <u>each</u> discontinuation, decommissioning, mothballing, or derating-;
- e.<u>f.</u> The capital <u>costs</u> and operating and maintenance costs of <u>all</u> new or refurbished transmission and distribution facilities <u>expected during the 15-year period</u>, and;
- a description An explanation of the need for and purpose of such all expected new or refurbished transmission and distribution facilities, which explanation shall incorporate the load-serving entity's most recent transmission plan filed under A.R.S. § 40-360.02(A) and any relevant provisions of the Commission's most recent Biennial Transmission Assessment decision regarding the adequacy of transmission facilities in Arizona; and
- h. Cost analyses and cost projections;
- 2. Documentation of the data, assumptions, and methods or models used to forecast production costs and power production in subsection (D)(1) of this Section for the 15-year resource plan, including the method by which the forecast was calibrated or benchmarked.;
- 3. Description A description of each potential power source which that was rejected; the capital costs, and operating costs, and maintenance costs of each rejected source; and an explanation of the reasons for rejecting each source;
- 4. Ten-year A 15-year forecast of cogeneration and other self generation by customers of the utility load-serving entity, in terms of annual peak production (megawatts) and annual energy production (megawatt-hours).

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- Disaggregation of the forecast of subsection (D)(4) of this Section into a component in which two components, one reflecting the self generation projected if no additional efforts are made to encourage such generation self generation, and a component consisting of one reflecting the change in supply due to self generation projected to result from the load-serving entity's institution of additional forecasted cogeneration and self generation measures.
- 6. Ten-year A 15-year forecast of the annual capital costs and operating and maintenance costs by year of all the cogeneration and other self generation included in subsection (D)(5) of this Section. identified under subsections (D)(4) and (D)(5);
- 7. Documentation of the analysis of <u>the cogeneration and other</u>-self generation in subsection <u>under subsections</u> (D)(4) through (6) of this Section.;
- 8. A plan that considers using a wide range of resources and promotes fuel and technology diversity within its portfolio;
- 9. A calculation of the benefits of generation using renewable energy resources;
- 10. A plan that factors in the delivered cost of all resource options, including costs associated with environmental compliance, system integration, backup capacity, and transmission delivery;
- 11. Analysis of integration costs for intermittent resources;
- 12. A plan to increase the efficiency of the load-serving entity's generation using fossil fuel;
- 13. Data to support technology choices for supply-side resources;
- 14. A description of the demand management programs or measures included in the 15-year resource plan, including for each demand management program or measure:
 - a. How and when the program or measure will be implemented,
 - b. The projected participation rate by customer class for the program or measure;
 - c. The expected change in demand resulting from the program or measure;
 - d. The expected reductions in air emissions and water consumption attributable to the program or measure;
 - e. The expected life of the measure; and
 - f. The capital costs, operating costs, and maintenance costs of the measure;
- 15. For each demand management measure that was considered but rejected:
 - a. A description of the measure;
 - b. The capital costs, operating costs, and maintenance costs of the measure; and

- c. The reasons for rejecting the measure; and
- 16. Analysis of future fuel supplies that are part of the resource plan;
- E. Analyses of uncertainty. Each utility shall provide to the Commission the following information by December 31, 1989, and every three years thereafter: A load-serving entity shall, by April 1 of each even year, file with Docket Control a compilation of the following analyses and plan:
 - 1. Analyses to identify and assess errors, risks, and uncertainties in the following, completed using appropriate methods such as sensitivity analyses analysis and probabilistic analyses analysis, to assess errors and uncertainty in:
 - a. Demand forecasts;
 - b. The costs of demand management measures and power supply;
 - c. The availability of sources of power;
 - d. The costs of compliance with existing and expected environmental regulations;
 - e. Any analysis by the load-serving entity in anticipation of potential new or enhanced environmental regulations;
 - d.f. Changes in fuel prices, and availability;
 - g. Construction costs, capital costs, and operating costs; and
 - e.h. Other factors which the utilityload-serving entity wishes to consider-;
 - 2. Identification of those options which enable the utility to best respond to significant changes in conditions whose future characteristics are uncertain, including:
 - a. Continual monitoring of critical variables and making commensurate changes in plans if those variables deviate significantly from the forecast,
 - b. Building several smaller units instead of one large unit.
 - c. Sharing capacity with other utilities, and
 - d. Conducting well monitored pilot programs.
 - 2. A description and analysis of available means for managing the errors, risks, and uncertainties identified and analyzed in subsection (E)(1), such as obtaining additional information, limiting risk exposure, using incentives, creating additional options, incorporating flexibility, and participating in regional generation and transmission projects; and
 - 3. A plan to manage the errors, risks, and uncertainties identified and analyzed in subsection (E)(1).

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- F. Integrated resource plan. Each utility shall provide the Commission with an integrated resource plan by December 31, 1989, and every three years thereafter containing:
 - 1. The 10 year plan or flexible set of plans which, on the basis of the analyses required in this Article, including the uncertainty analysis, will tend to minimize the present value of the total cost of meeting the demand for electric energy services.
 - 2. Complete description and documentation of the least cost plan, including supply and demand side conditions, costs, and discount rates utilized.
 - 3. An action plan indicating the supply and demand-related actions to be undertaken by the utility over the next three years in furtherance of the ten-year plan.

A load-serving entity shall, by April 1 of each even year, file with Docket Control a 15-year resource plan that:

- Selects a portfolio of resources based upon comprehensive consideration of a wide range
 of supply- and demand-side options;
- 2. Will result in the load-serving entity's reliably serving the demand for electric energy services;
- 3. Will address the adverse environmental impacts of power production;
- 4. Will include renewable energy resources so as to meet the greater of the Annual

 Renewable Energy Requirement in R14-2-1804 or the following annual percentages of retail kWh sold by the load-serving entity:

Calendar Year	Percentage of Retail kWh
	sold during calendar Year
2010	2.5%
2011	3.0%
2012	3.5%
2013	4.0%
2014	4.5%
2015	5.0%
2016	6.0%
2017	7.0%
2018	8.0%
<u>2019</u>	9.0%

2020	10.0%
2021	11.0%
2022	12.0%
2023	13.0%
2024	14.0%
after 2024	<u>15.0%</u>

- Will address energy efficiency so as to meet any requirements set in rule by the <u>Commission</u>;
- 6. Will effectively manage the uncertainty and risks associated with costs, environmental impacts, load forecasts, and other factors;
- 7. Will achieve a reasonable long-term total cost, taking into consideration the objectives set forth in subsections (F)(2)-(6) and the uncertainty of future costs; and
- 8. Contains all of the following:
 - a. A complete description and documentation of the plan, including supply and demand conditions, availability of transmission, costs, and discount rates utilized;
 - b. A comprehensive, self-explanatory load and resources table summarizing the plan;
 - c. A brief executive summary;
 - d. An index to indicate where the responses to each filing requirement of these rules

 can be found; and
 - e. Definitions of the terms used in the plan.
- G. A load-serving entity shall, by April 1 of each odd year, file with Docket Control a work plan that includes:
 - 1. An outline of the contents of the resource plan the load-serving entity is developing to be filed the following year as required under subsection (F);
 - 2. The load-serving entity's method for assessing potential resources;
 - 3. The sources of the load-serving entity's current assumptions; and
 - 4. An outline of the timing and extent of public participation and advisory group meetings
 the load-serving entity intends to hold before completing and filing the resource plan.
- H. With its resource plan, a load-serving entity shall include an action plan, based on the results of the resource planning process, that:
 - 1. Includes a summary of actions to be taken on future resource acquisitions;

- 2. Includes details on resource types, resources capacity, and resource timing; and
- 3. Covers the three-year period following the Commission's acknowledgment of the resource plan.
- I. If a load-serving entity's submission does not contain sufficient information to allow Staff to analyze the submission fully for compliance with this Article, Staff shall request additional information from the load-serving entity, including the data used in the load-serving entity's analyses.
- J. Staff may request that a load-serving entity complete additional analyses to improve specified components of the load-serving entity's submissions.
- K. If a load-serving entity believes that a data-reporting requirement may result in disclosure of confidential business data, the load-serving entity may submit to Staff a request that the data be submitted to Staff under a confidentiality agreement, which request shall include an explanation justifying the confidential treatment of the data.
- Data protected by a confidentiality agreement shall not be submitted to Docket Control and will not be open to public inspection or otherwise made public except upon an order of the
 Commission entered after written notice to the load-serving entity.

R14-2-704. Commission review of utility load-serving entity resource plans

- A. Within 120 days of the submission of demand forecasts, supply plans, uncertainty analyses, and integrated resource plans by the utilities, the Commission shall schedule a hearing or hearings to review utility filings and to determine the degree of consistency between these filings and analyses conducted by the staff and information provided by other parties. By April 1 of each odd year, Staff shall file a report that contains its analysis and conclusions regarding its statewide review and assessments of the load-serving entities' filings made under R14-2-703(C), (D), (E), (F), and (H).
- B. The Commission may request additional analyses to be conducted by the utilities to improve specified components of the utilities' analyses.
- C.B. In making its consistency determination, the Commission shall consider the following factors:

 By July 1 of each odd year, the Commission shall determine whether to issue an order

 acknowledging a load-serving entity's resource plan. The Commission shall order an

 acknowledgment of a load-serving entity's resource plan if the Commission determines that the

 resource plan complies with the requirements of this Article and that the load-serving entity's

resource plan is reasonable and in the public interest, based on the information available to the Commission at the time and considering the following factors:

- 1. The total cost of electric energy services-;
- 2. The degree to which the factors which that affect demand, including demand management, have been taken into account.;
- 3. The degree to which non-utility supply alternatives, such as eogeneration and self generation, have been taken into account.
- 4. Uncertainty in demand and supply analyses, forecasts, and plans, and the flexibility of plans enabling response whether plans are sufficiently flexible to enable the load-serving entity to respond to unforeseen changes in supply and demand factors—;
- 5. The reliability of power supplies-, including fuel diversity and non-cost considerations;
- 6. The reliability of the transmission grid;
- 7. The degree to which the load-serving entity considered all relevant resources, risks, and uncertainties;
- 8. The degree to which the load-serving entity's plan for future resources is in the best interest of its customers;
- 9. The best combination of expected costs and associated risks for the load-serving entity and its customers; and
- 10. The degree to which the load-serving entity's resource plan allows for coordinated efforts with other load-serving entities.
- Mhile no particular future ratemaking treatment is implied by or shall be inferred from the Commission's acknowledgement, The the Commission may subsequently shall consider its consistency determination in its review of financing applications, in general rate cases, and in other matters in which the supply of or demand for energy services is a significant factor a load-serving entity's filings made under R14-2-703 when the Commission evaluates the performance of the load-serving entity in subsequent rate cases and other proceedings.
- E. A load-serving entity may seek Commission approval of specific resource planning actions.
- F. A load-serving entity may file an amendment to an acknowledged resource plan if changes in conditions or assumptions necessitate a material change in the load-serving entity's plan before the next resource plan is due to be filed.

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R14-2-705. Procurement

- A. Except as provided in subsection (B), a load-serving entity may use the following procurement methods for the wholesale acquisition of energy, capacity, and physical power hedge transactions:
 - 1. Purchase through a third-party on-line trading system:
 - 2. Purchase from a third-party independent energy broker;
 - 3. Purchase from a non-affiliated entity through auction or an RFP process;
 - 4. Bilateral contract with a non-affiliated entity;
 - 5. Bilateral contract with an affiliated entity, provided that non-affiliated entities were provided notice and an opportunity to compete against the affiliated entity's proposal before the transaction was executed; and
 - 6. Any other competitive procurement process approved by the Commission.
- B. A load-serving entity shall use an RFP process as its primary acquisition process for the wholesale acquisition of energy and capacity, unless one of the following exceptions applies:
 - 1. The load-serving entity is experiencing an emergency;
 - 2. The load-serving entity needs to make a short-term acquisition to maintain system reliability;
 - 3. The load-serving entity needs to acquire other components of energy procurement, such as fuel, fuel transportation, and transmission projects;
 - 4. The load-serving entity's planning horizon is two years or less;
 - 5. The transaction presents the load-serving entity a genuine, unanticipated opportunity to acquire a power supply resource at a clear and significant discount, compared to the cost of acquiring new generating facilities, and will provide unique value to the load-serving entity's customers;
 - 6. The transaction is necessary for the load-serving entity to satisfy an obligation under the Renewable Energy Standard rules; or
 - 7. The transaction is necessary for the load-serving entity's demand-side management or demand response programs.
- C. A load-serving entity shall engage an independent monitor to oversee all RFP processes for procurement of new resources.

R14-2-706. Independent Monitor Selection and Responsibilities

- A. When a load-serving entity contemplates engaging in an RFP process, the load-serving entity shall consult with Staff regarding the identity of companies or consultants that could serve as independent monitor for the RFP process.
- B. After consulting with Staff, a load-serving entity shall create a vendor list of three to five candidates to serve as independent monitor and shall file the vendor list with Docket Control to allow interested persons time to review and file objections to the vendor list.
- C. An interested person shall file with Docket Control, within 30 days after a vendor list is filed with Docket Control, any objection that the interested person may have to a candidate's inclusion on a vendor list.
- D. Within 60 days after a vendor list is filed with Docket Control, Staff shall issue a notice identifying each candidate on the vendor list that Staff considers to be qualified to serve as independent monitor for the contemplated RFP process. In making its determination, Staff shall consider the experience of the candidates, the professional reputation of the candidates, and any objections filed by interested persons.
- E. A load-serving entity that has completed the actions required by subsections (A) and (B) to comply with a particular Commission Decision is deemed to have complied with subsections (A) and (B) and is not required to repeat those actions.
- F. A load-serving entity may retain as independent monitor for the contemplated RFP process and for its future RFP processes any of the candidates identified in Staff's notice.
- G. A load-serving entity shall file with Docket Control a written notice of its retention of an independent monitor.
- H. A load-serving entity is responsible for paying the independent monitor for its services and may charge a reasonable bidder's fee to each bidder in the RFP process to help offset the cost of the independent monitor's services. A load-serving entity may request recovery of the cost of the independent monitor's services, to the extent that the cost is not offset by bidder's fees, in a subsequent rate case. The Commission shall use its discretion in determining whether to allow the cost to be recovered through customer rates.
- I. One week prior to the deadline for submitting bids, a load-serving entity shall provide the independent monitor a copy of any bid proposal prepared by the load-serving entity or entity affiliated with the load-serving entity and of any benchmark or reference cost the load-serving entity has developed for use in evaluating bids. The independent monitor shall take steps to

secure the load-serving entity's bid proposal and any benchmark or reference cost so that they are inaccessible to any bidder, the load-serving entity, and any entity affiliated with the load-serving entity.

J. Upon Staff's request, the independent monitor shall provide status reports to Staff throughout the RFP process.